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#13 amend Sharn C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No	0/004 172
Octob	OF 0 0004
Inventor	er 9, 2001
Assignee	vonn et al.
Group Art Unit	biogy, inc.
Examiner A.D	3729
Attorney's Docket No.	. Lugbang
Title: Methods of Bonding Solder Polls to Bond Bods	/1122-1839
Title: Methods of Bonding Solder Balls to Bond Pads on a Substrate, and Frames	d Bonding

RESPONSE TO FEBRUARY 11, 2003 OFFICE ACTION and APRIL 24, 2003 NOTICE OF NON-COMPLIANT AMENDMENT

To:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

From:

D. Brent Kenady

Tel. 509-624-4276; Fax 509-838-3424

Wells St. John P.S.

601 West First Avenue, Suite 1300

Spokane, WA 99201-3828

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MAY. 9 2003

Group 3700

Responsive to the Office Action dated February 11, 2003 and the Notice of Non-Compliant Amendment dated April 24, 2003, Applicant amends and remarks as follows:

AMENDMENTS